

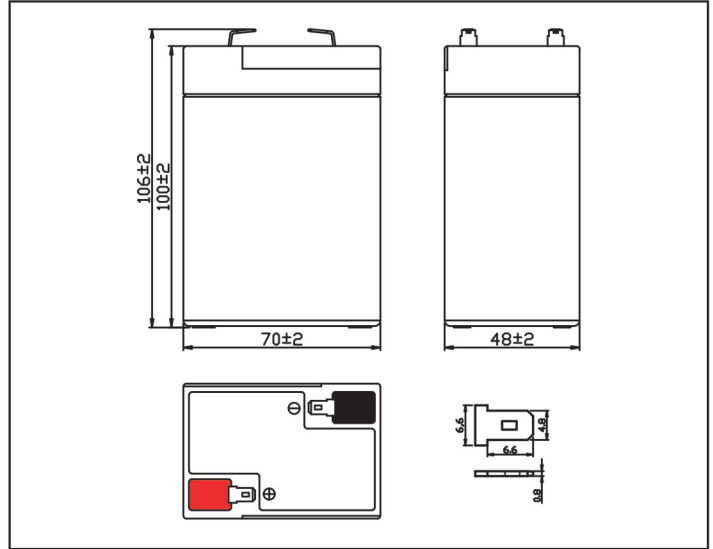
MODEL: CB645-F1 6V4.5AH



Container Color
 ■ Black C
 ■ Grey 3 C

Plane Chart:

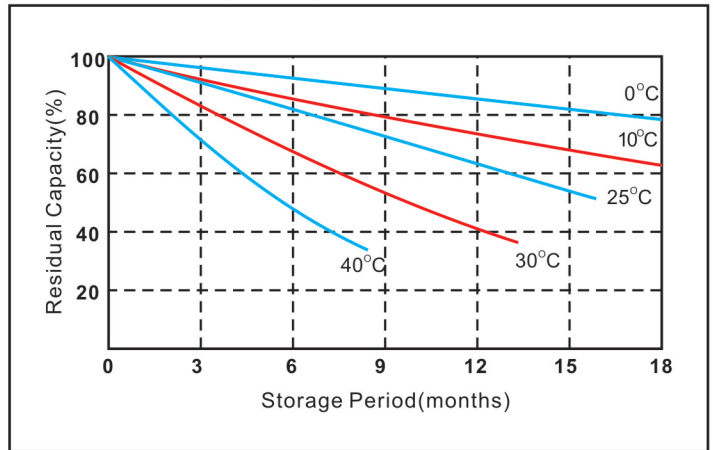
Unit:(mm) Terminal type:(F1)



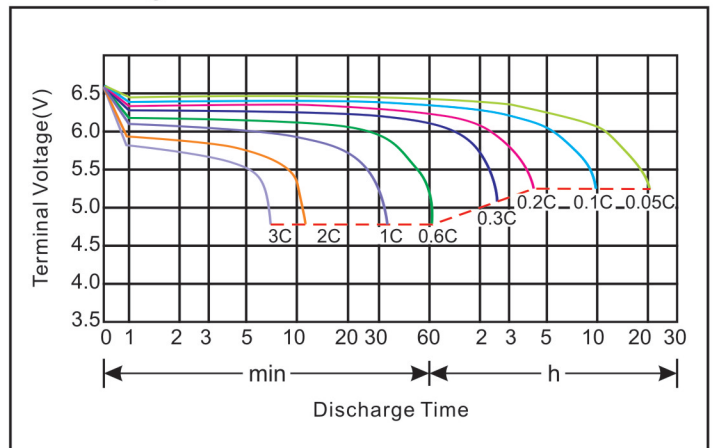
Parameter Chart:

Volts		6V	
Capacity(25°C)	20 hours rate (0.225A)	4.5Ah	
Discharge Current Testing (25°C)	20 I ₂₀ rate (4.5A,27min)	29min	
	60 I ₂₀ rate (13.5A,7min)	7min	
Internal Resistance	Full Charged Battery 25°C	20mΩ	
Capacity Affected By Temperature	40°C	104%	
	25°C	100%	
	0°C	83%	
	-15°C	65%	
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%	
	Capacity After 6 Months Storage	82%	
	Capacity After 12 Months Storage	65%	
Charge (Constant Voltage)	Cycle (25°C)	Initial Charging Current Less Than 1.35A Voltage 7.25~7.45V	
	Float (25°C)	Charge Voltage 6.8~6.9V	
Weight±3%		0.68Kg	

Residual Capacity



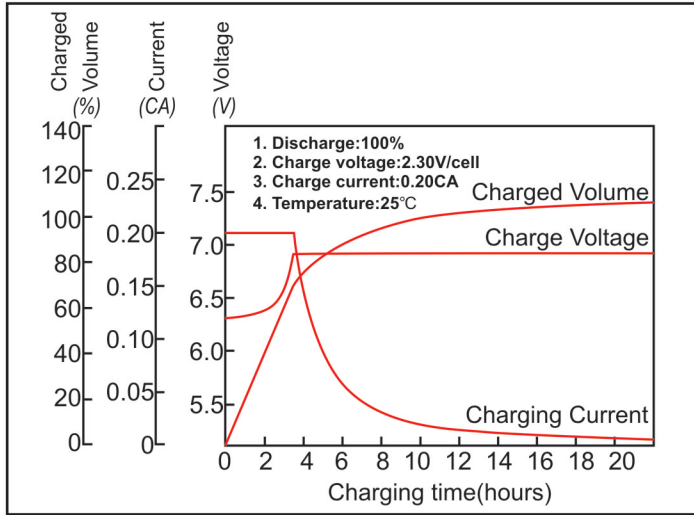
Discharge Current 25°C



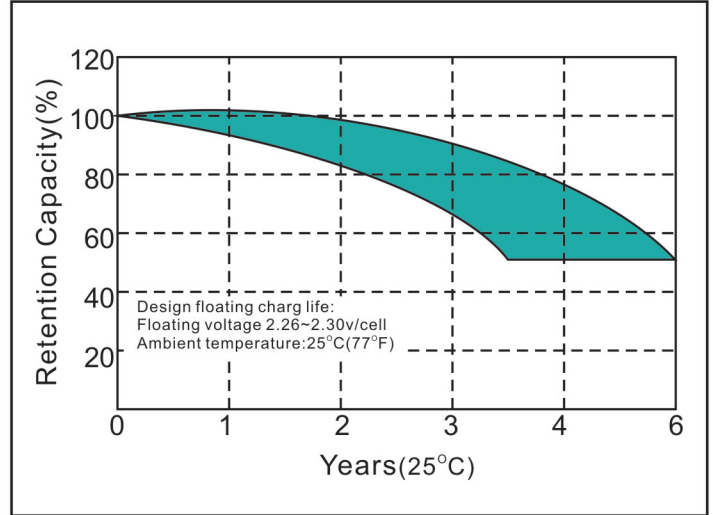
★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

MODEL: CB645-F1 6V4.5AH

Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	14.1	8.7	7.20	6.00	4.30	2.59	1.51	1.15	0.93	0.773	0.526	0.438	0.230
5.01V	13.3	8.4	7.10	5.83	4.17	2.51	1.47	1.13	0.92	0.763	0.516	0.430	0.228
5.10V	12.9	8.3	7.02	5.72	4.10	2.46	1.45	1.12	0.91	0.753	0.506	0.426	0.227
5.25V	12.1	8.1	6.90	5.55	4.00	2.40	1.41	1.10	0.90	0.743	0.496	0.420	0.225
5.40V	11.1	7.8	6.75	5.42	3.92	2.38	1.38	1.08	0.89	0.733	0.486	0.415	0.220

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	20min	30min	1h	2h	3h	4h	5h	8h	10h	20h
4.80V	74.0	47.0	39.1	33.5	24.5	14.89	8.80	6.76	5.48	4.56	3.12	2.61	1.37
5.01V	70.5	45.6	38.7	32.5	23.8	14.43	8.56	6.64	5.42	4.50	3.06	2.56	1.36
5.10V	69.3	45.2	38.3	31.9	23.4	14.15	8.45	6.58	5.36	4.44	3.00	2.53	1.36
5.25V	65.6	44.3	37.9	30.9	22.8	13.80	8.21	6.46	5.31	4.38	2.94	2.50	1.34
5.40V	61.1	43.1	37.5	30.2	22.3	13.69	8.04	6.35	5.25	4.32	2.88	2.47	1.31

Capacity Factors With Different Temperature

Battery Type		-20°C	-10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery	6V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.